

PLAYABLE WHISTLE OR HORN

If you have advanced sound decoders such as SoundTraxx™ Tsunami™ or Digitrax Sound FX™ you can set up your NCE Pro Cab or Cab 04e to access the playable whistle/horn feature of the decoder. You will play the whistle/horn by holding down the **HORN/WHISTLE** button while operating the thumbwheel or knob. When you release the **HORN/WHISTLE** button you will be returned to speed control. The ballistic tracking of the thumbwheel applies to the whistle/horn as well as speed control. If you move the thumbwheel fast the whistle/horn will reach maximum pitch faster. You may want to adjust the ballistic tracking in the cab for a better feel.

In factory default configuration the **HORN/WHISTLE** button sends only momentary function on/off commands. To enable sending of playable whistle/horn commands you must set the ANALOG HORN CHANNEL (in the SET CAB PARAMS menu) to match the analog horn channel of the decoder. Values from 0-255 are valid. If 0 is chosen no analog commands will be sent. The playable whistle/horn channel is normally 127.

Once the analog horn channel is set to the proper channel you should set the ANALOG BIAS. This is the starting pitch value for playing the whistle or horn. Values can be from 0-15, we normally use 8. If you leave the bias set to 0 the whistle will always start at its lowest pitch.

You can have different analog channels on each cab. Every cab can also have its own bias point as well to match each operator's personal taste.

If configured for playable whistle/horn the **HORN/WHISTLE** button simultaneously sends analog commands along with normal function on/off commands. This allows you to sound the whistle/horn on non-playable whistle/horn decoders or play the whistle/horn on advanced decoders without having to change the whistle/horn settings of the cab when running different locomotives.

Enabling the playable whistle/horn on sound decoders:

SoundTraxx™ Tsunami™ - Set CV 47 = 127

Digitrax™ Sound FX™ - Set CV 150 = 1

ESU™ V3.5+ - See the ESU decoder manual

Alternate Playable Whistle or Horn using the OPTION button

The **OPTION** button can also be used to control playable whistles/horns when programmed for AUX analog operation.

The analog channel for the **OPTION** button can be chosen under the SET CMD STATION menu. Values from 0-255 are valid. If 0 is chosen, no analog commands will be sent. You can play the whistle/horn in the same manner as when the HORN/whistle button is set for playable whistle/horn. Hold the **OPTION** button down while operating the thumbwheel. When you release the button you will be returned to speed control.

You must program the **OPTION** button of the Pro Cab to 123 for this feature to work.

Programming the **OPTION** button:

- Unplug the Pro Cab
- Hold down the **SELECT LOCO** button while plugging in
- Press **ENTER** (about 5 times) until you are prompted for the **OPTION** button value
- PUT in 123 and press **ENTER**
- Press **PROG/ESC** to get back to operations mode